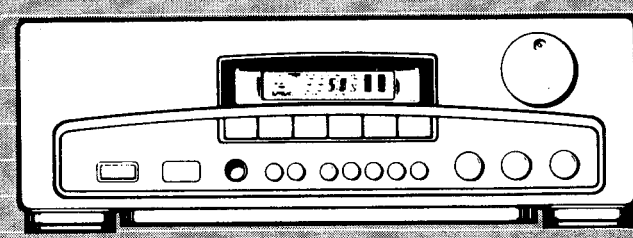
SERVICE MANUAL

= V-4035

TA-930HQ

STEREO INTEGRATED AMPLIFIER



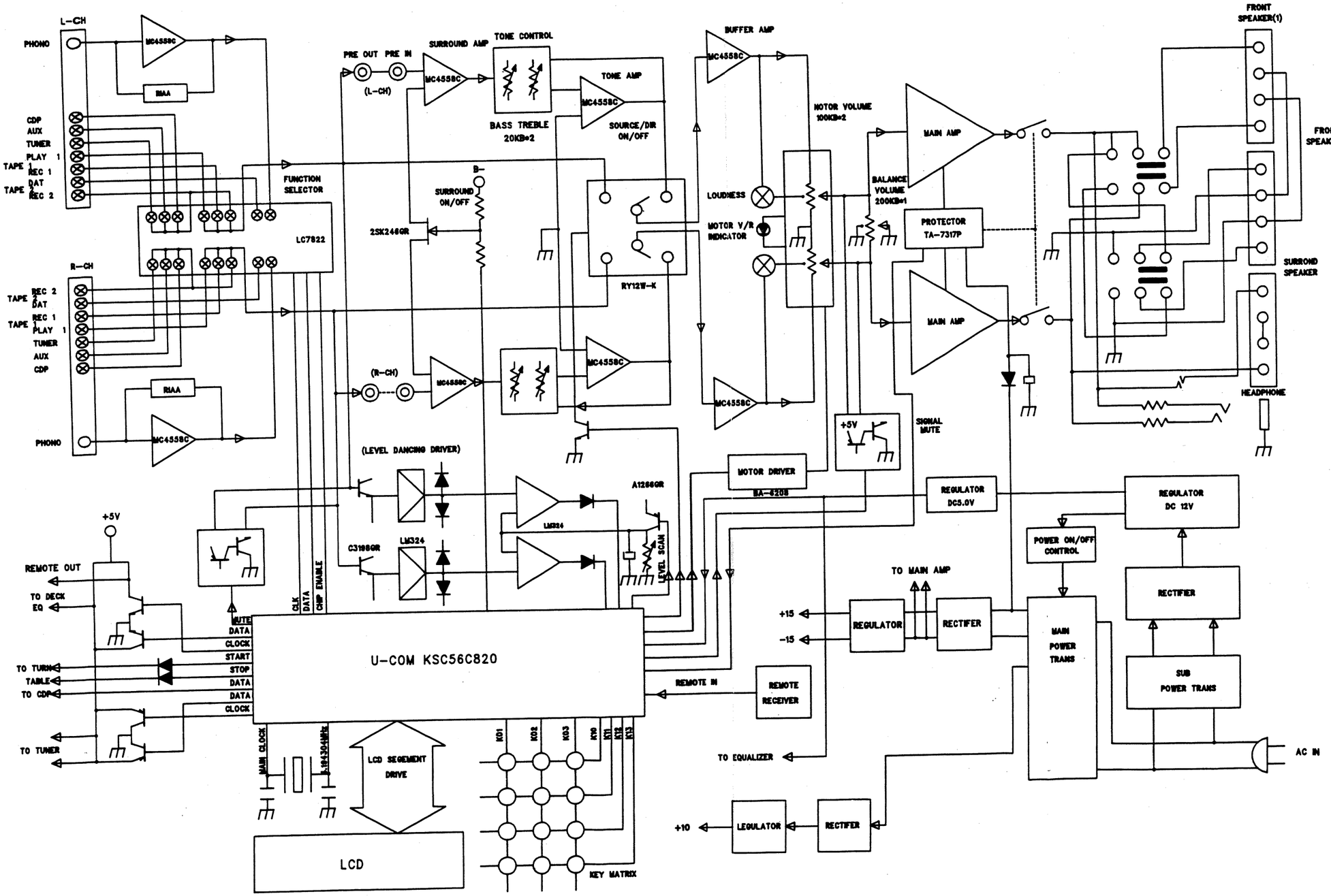
Audio Power Supply AC 230V 50Hz Volts Reference Output Power : 60W Load 8					
NO.	**Item**	**Condition**	**Unit**	**Limit**	**Normal**
A101	Power Output (RMS) at THD 0.05%	8 Ω	W	55	60
A102	Surround Output (One Channel Input, Surround-On)	8 Ω	W	20	30
A103	Total Harmonic Distortion at −10 dB for RMS	100 Hz	%	0.06	0.03
		1 KHz	%	0.06	0.03
		10 KHz	%	0.12	0.08
A104	Freq. Response within -3dB at −10dB for RMS	Low	Hz	20	10
		High	KHz	20	30
A105	Input Sensitivity & Impedanse for RMS	Phono	mV/K Ω	± 0.5	2.5
		Aux	mV/K Ω	+ 40 − 20	200
		Tape	mV/K Ω	+ 40 − 20	200
A106	Input Over load	Phono	V	60	80
		Aux	V	4	6.5
		Tape	V	4	6.5
A107	Signal to Noise Ratio (JIS A FILTER)	Phono	dB	60	70
		Aux	dB	80	90
		Tape	dB	80	90
A108	Separation For L/R	100 Hz	dB	35	45
		1 KHz	dB	35	45
		10 KHz	dB	30	40
A109	Cross Talk for Difference Input (Aux→ Tape Monitor)	100 Hz	dB	65	75
		1 KHz	dB	65	75
		10 KHz	dB	45	55

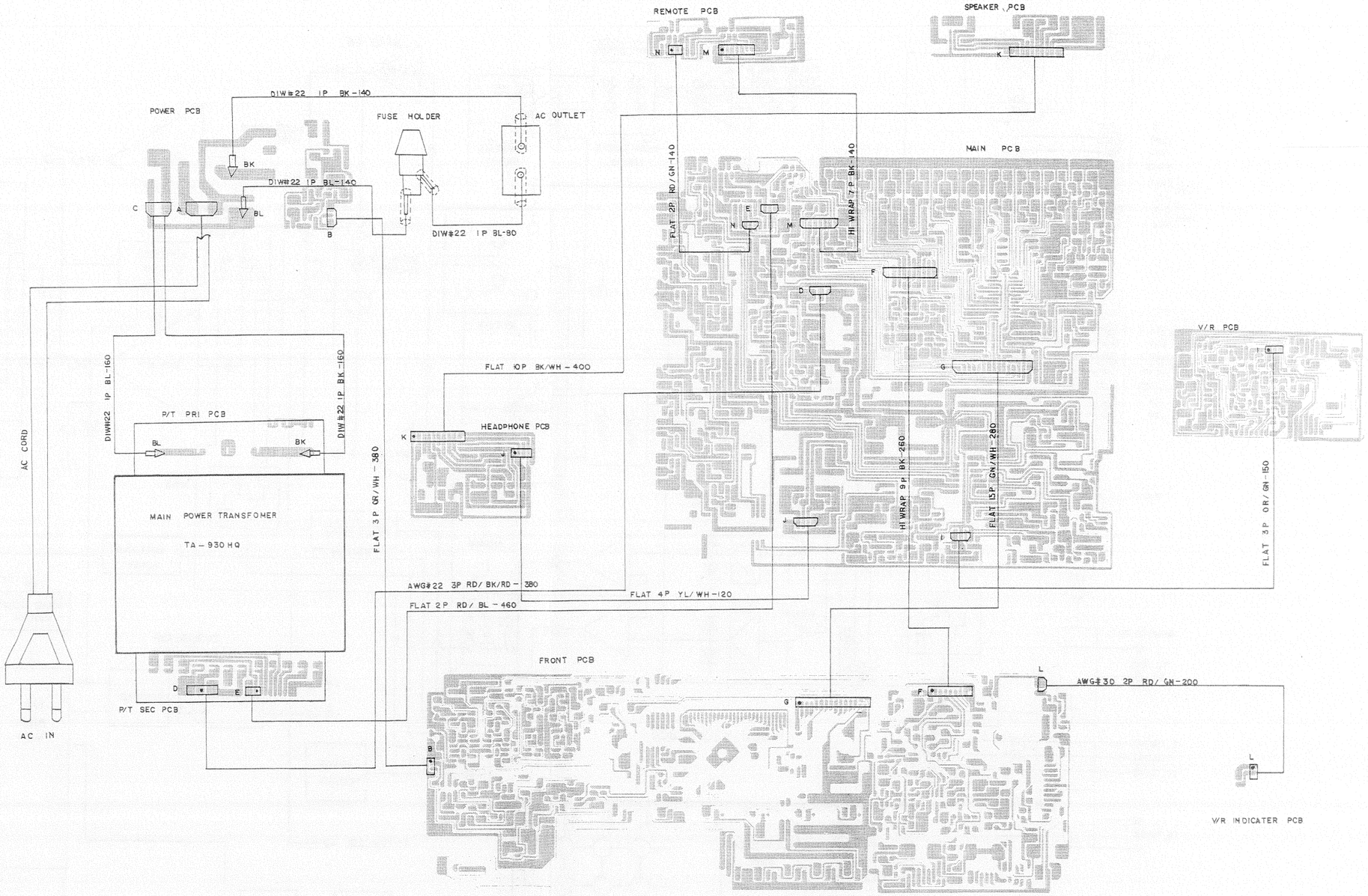
SPECIFICATIONS TA-930HQ

NO.	Item	Condition	Unit	Limit	Normal
A110	Channel Gain Difference	L/R	dB	± 2	0
A111	Volume Control Effect	Max	%		100
A112	Balance Control Effect	Max	dB	35	45
A113	Tone Control Effect	100 Hz	+ dB	± 2	8
	at 20dB for RMS		− dB	± 2	8
		10KHz	+ dB	± 2	8
			− dB	± 2	8
A114	Loudness Effect	100 Hz	dB	± 1.5	6
	at 30dB for RMS	10 KHz	dB	± 1.5	4
A115	Equalizer Curve	100 Hz	dB	± 1	13.1
	Riaa (1000 Hz 0dB)	10 KHz	dB	± 1	13.75
A116	Tape Output Level		mV	± 20	180
A117	Output of headphone(200 ohm)		mW	+ 40	100
	at T.H.D. 10%		mW	− 20	
A118	Noise & Hum	VR min	mV	1	0.3
		VR max	mV	4	2
Remark					

Temp	℃	Humidity	%	Date	1993. 8. 18.	Tested by:HAMUYNG	checked by

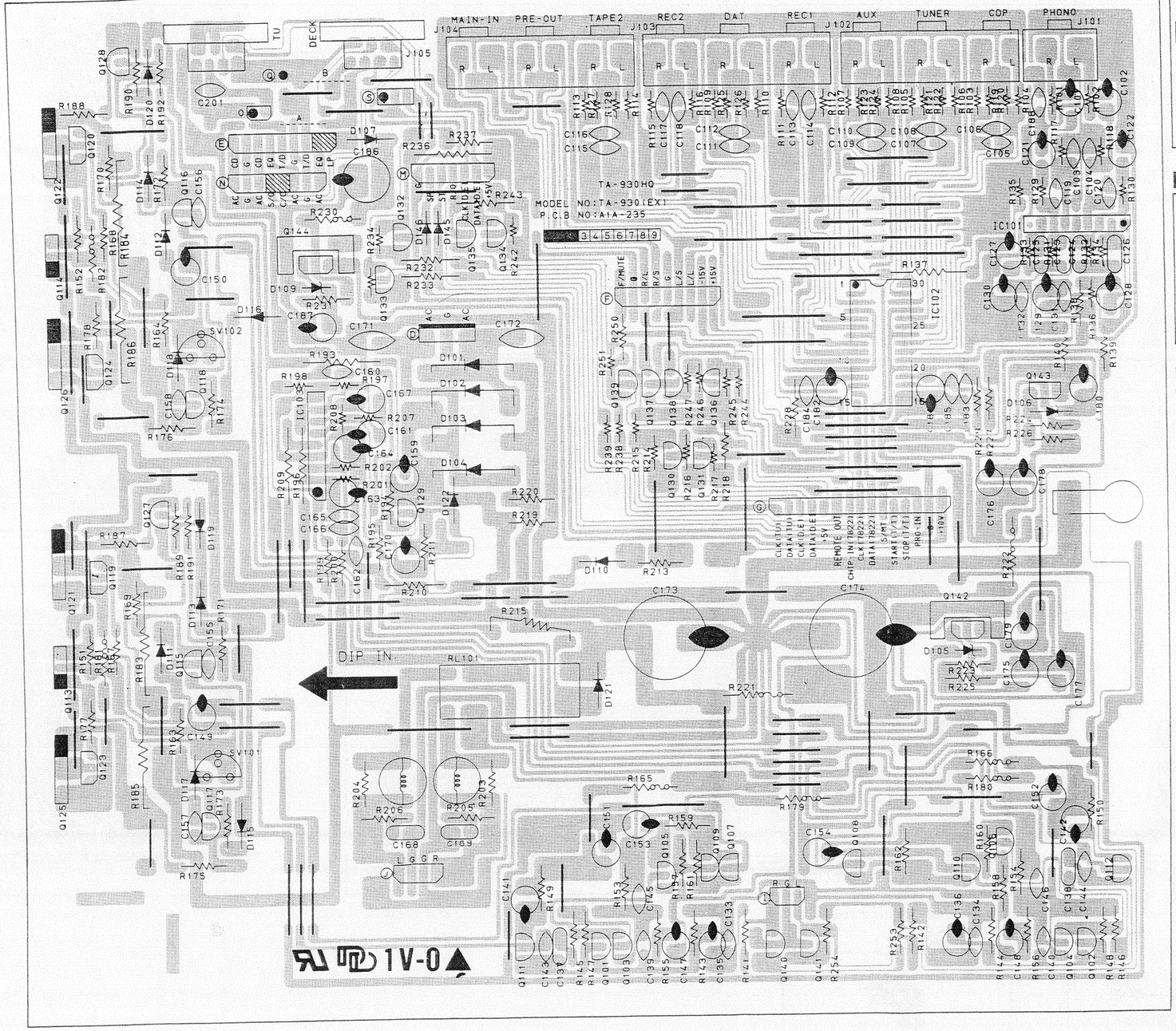
BLOCK DIAGRAM



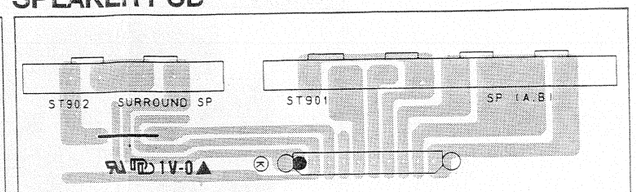

REMOTE PCB
SPEAKER PCB
POWER PCB
DIW#22 1P BK-140
FUSE HOLDER
AC OUTLET
BK
DIW#22 1P BL-140
BL
DIW#22 1P BL-80
MAIN PCB
FLAT 2P RD/GN-140
HI WRAP 7P BK-140
FLAT 10P BK/WH-400
V/R PCB
DIW#22 1P BL-160
DIW#22 1P BK-160
P/T PRI PCB
HEADPHONE PCB
FLAT 3P GR/WH-380
HI WRAP 9P BK-260
FLAT 15P GN/WH-280
FLAT 3P OR/GN-150
AC CORD
MAIN POWER TRANSFOMER
TA-930HQ
AWG#22 3P RD/BK/RD-380
FLAT 4P YL/WH-120
FLAT 2P RD/BL-460
FRONT PCB
AWG#30 2P RD/GN-200
P/T SEC PCB
AC IN
V/R INDICATER PCB

PCB VIEWS

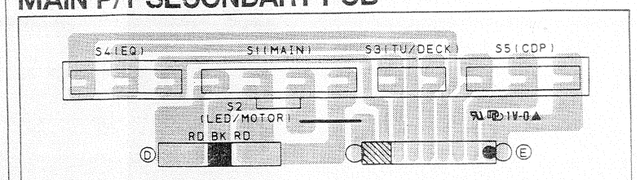
MAIN PCB



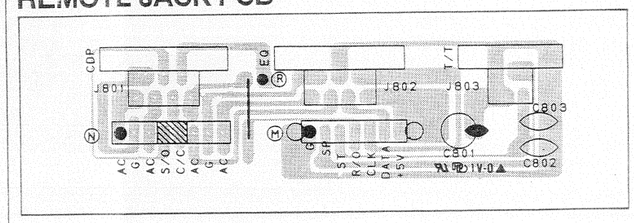
SPEAKER PCB



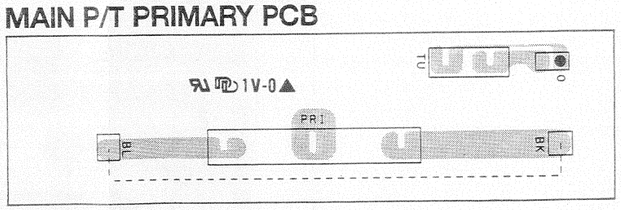
MAIN P/T SECONDARY PCB



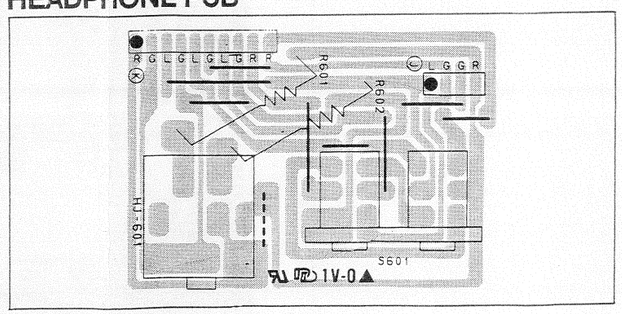
REMOTE JACK PCB



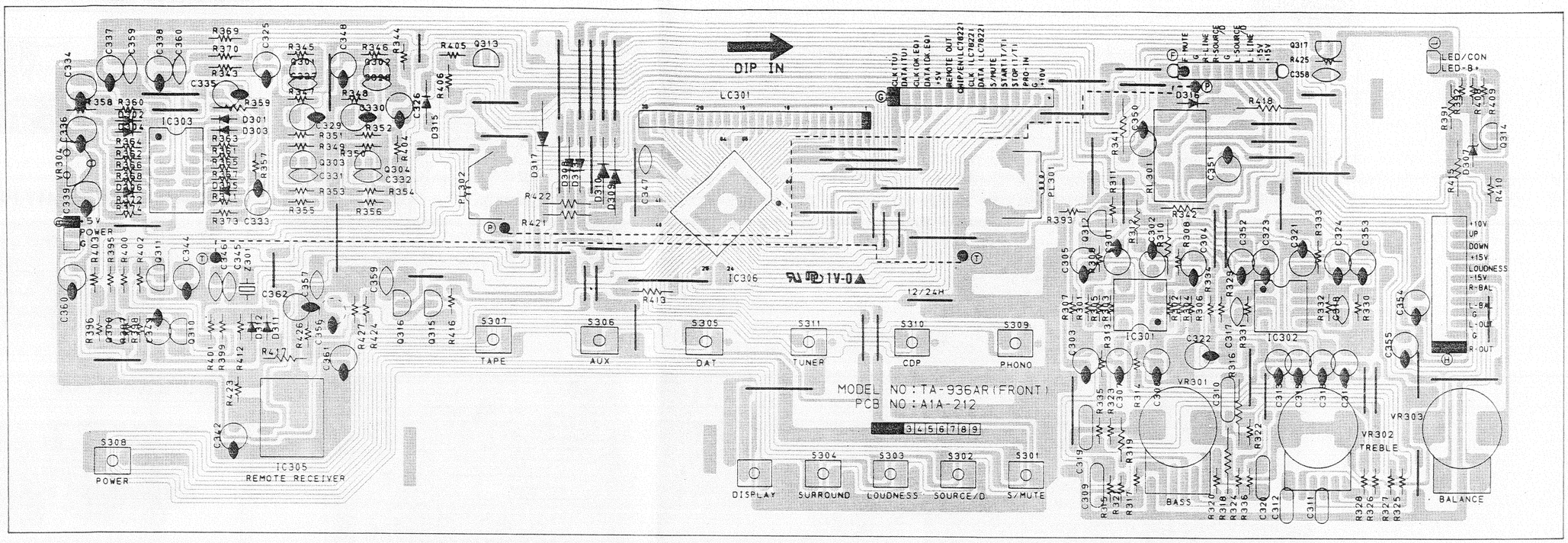
MAIN P/T PRIMARY PCB



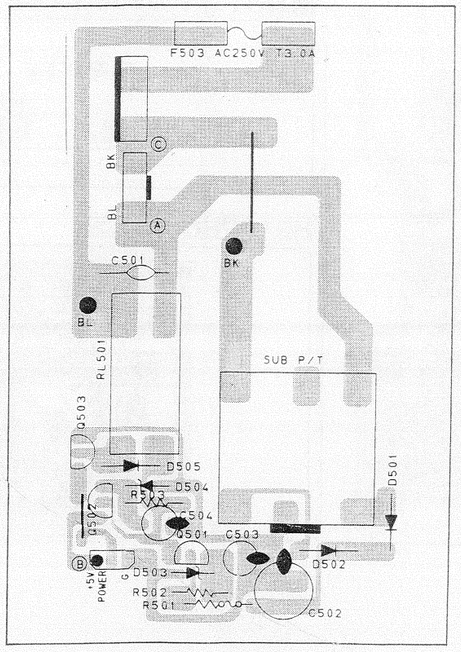
HEADPHONE PCB



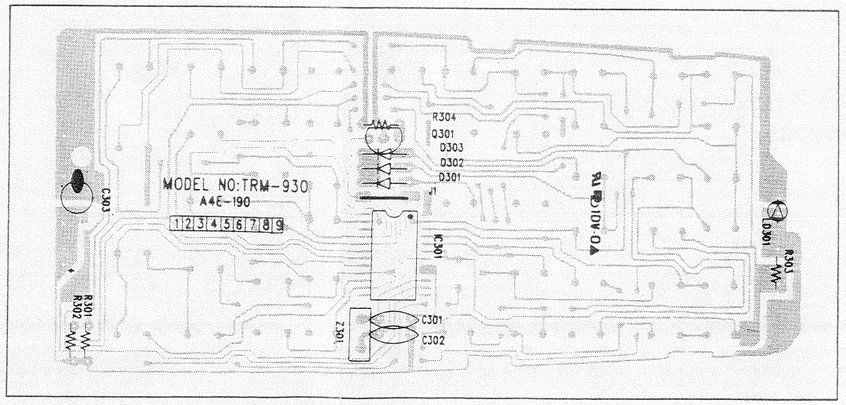
FRONT PCB



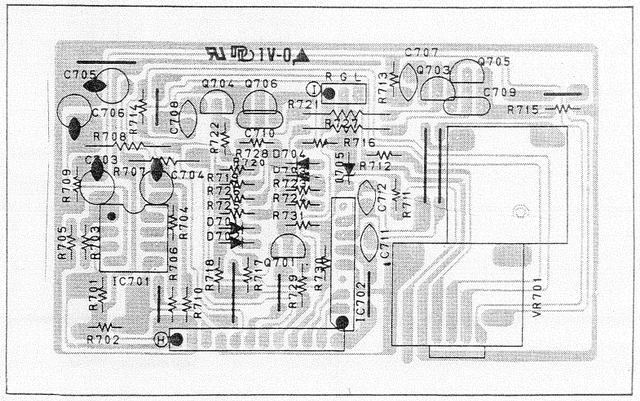
POWER PCB



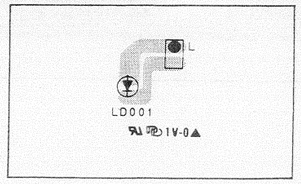
REMOCON PCB



VOLUME PCB



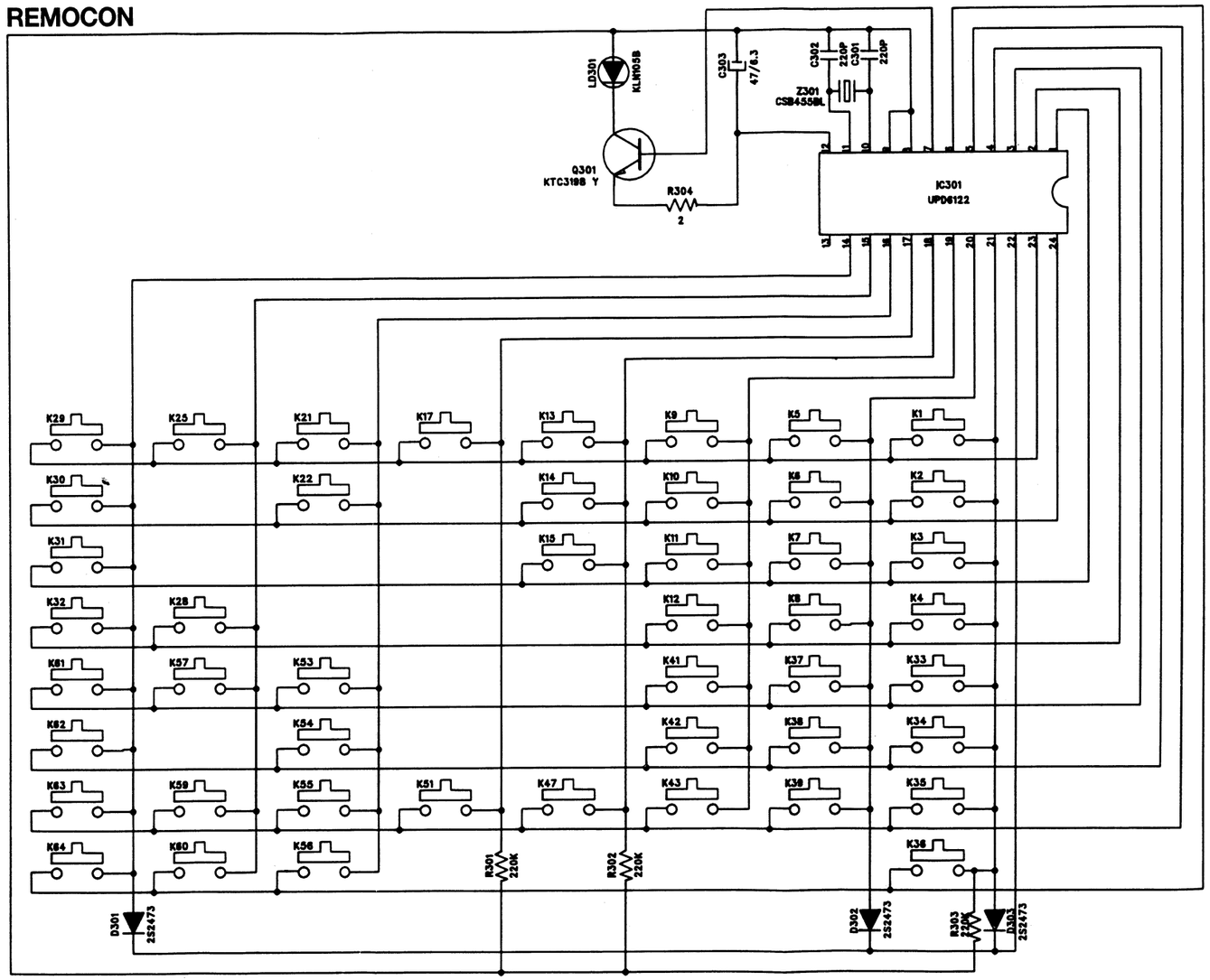
LED PCB



K1.CD STOP
K2.TUNER BAND
K3.6
K4.TAPE II REC/PAUSE
K5.AMP TAPE/MONITOR
K6.CD PLAY/PAUSE
K7.+10-+90
K8.EQ ON/OFF
K9.AMP VR DOWN
K10.PHONO START
K11.TUNER PRESET UP
K12.TUNER RESET DOWN
K13.CD SKIP
K14.CD REPEAT
K15.TAPE II REC/MUTE
K17.AMP MUTE
K21.CD SEARCH+
K22.CD CLEAR
K25.AMP POWER
K28.TAPE I
K29.CD SEARCH
K30.CD MEMORY
K31.5
K32.4
K33.1

K34.EQ PROGRAM/USER
K35.TAPE II
K36.9
K37.2
K38.0
K39.TAPE I
K41.PHONO STOP
K42.AMP SURROUND
K43.AMP VRUP
K47.CD TIME
K51.CD SKIP+
K53.7
K54.EQ CURVE SCAN
K55.TAPE I
K56.TAPE II
K57.8
K59.TAPE II
K60.TAPE I
K61.TAPE II
K62.3
K63.TAPE II
K64.TAPE I

REMOCON



VOLTAGE CHART

TA-930HQ

IC101

PIN NO	1	2	3	4	5	6	7	8	9
VOLT	15	0.03	0	0	-15	0	0	-0.01	0.02

TR NO		Q101, Q102	Q103, Q104	Q105, Q106	Q107, Q108	Q109, Q110	Q111, Q112	Q113, Q114	Q115, Q116	Q117, Q118	Q119, Q120	Q121, Q122	Q123, Q124	Q125, Q126	Q127, Q128	Q129
VOLT	E	-0.6	-0.6	-43.5	-43.5	-43.5	42.6	-1.1	0	0	0.5	0	-0.5	0	0	43.5
	C	42.3	42.9	-0.6	-1.0	-42.8	1.1	1.1	1.2	-1.3	43.5	43.5	-44	-44	42.6	-0.6
	B	0	0	-42.8	-42.8	-44.2	42	-0.5	0	0	1.0	0.5	-1.0	-0.5	0	43.5

IC102

PIN NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
VOLT	0	0	0	0	0	0	0	0	0	0	0	-15	0	0	0
PIN NO	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
VOLT	0	0	15	11	0	0	0	0	0	0	0	0	0	0	0

TR NO		Q130	Q131	Q132, Q133	Q134, Q135
VOLT	E	3.5	0	0.7	0
	C	3.5	0	0	0.02
	B	2.9	0.6	0.1	0.6

FET NO		Q312		Q703, Q704		Q705 Q706	
CONDITION		SUR - OFF	SUR - ON	LOUD-OFF	LOUD - ON	LOUD - OFF	LOUD - ON
VOLT	D	0	0	0	0	0	0
	S	0	0	0	0	0	0
	G	-14	0	-9.4	0	0	-3.4

IC103

PIN NO	1	2	3	4	5	6	7	8	9
VOLT	-0.6	0.02	0.01	0	0	10.5	2.2	2.2	0

TR NO		Q136	
CONDITION		MUTE-OFF	MUTE-ON
VOLT	E	5.0	5.0
	C	0	5.0
	B	5	4.4

TR NO		Q503		Q701	
CONDITION		POWER-OFF	POWER-ON	LOUD - OFF	LOUD-ON
VOLT	E	0	0	0	0
	C	3.1	0.06	4.9	0
	B	0	0.63	-9.7	0.6

IC301

PIN NO	1	2	3	4	5	6	7	8
VOLT	11.3	11.3	11.3	-15	11.3	11.3	11.3	15

TR NO		Q137, Q138	
CONDITION		MUTE-OFF	MUTE-ON
VOLT	E	0	0
	C	0	0
	B	-0.2	0.6

TR NO		Q313		Q314		Q315		Q316	
CONDITION		SUR - OFF	SUR - ON	LOUD - OFF	LOUD - ON	SOUR/D-OFF	SOUR/D-ON	SOUR/D-OFF	SOUR/D-ON
VOLT	E	5	5	5.5	1.27	4.8	0.74	0	0
	C	-15	5	-9.8	1.27	-2.5	0.7	15.5	0.06
	B	5	4.3	5.4	0.6	4.7	0.14	-2.5	0.7

IC302

PIN NO	1	2	3	4	5	6	7	8
VOLT	11.3	11.3	11.3	-15	11.3	11.3	11.3	15

TR NO		Q139	Q140, Q141	Q142	Q143	Q144	Q301, Q302	Q303, Q304	Q309	Q310	Q311	Q317
VOLT	E	5	0	15.5	-15.3	10.6	12	1.4	5.7	0	5	1.8
	C	-0.6	0	32	-39	19	14.9	14.9	0.96	0.03	5	0
	B	5	0.05	16.1	-16.2	11.2	12.6	2.1	5.7	0.6	4.4	0

TR NO		Q501	Q502
VOLT	E	12.9	5.7
	C	17.3	12.9
	B	13.5	6.3

IC303

PIN NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14
VOLT	0.3	0	0	15	-0.1	0.9	-15	-15	0.9	-0.1	-15	0	0	0.3

IC306

PIN NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
VOLT	5	0	2.5	2.5	2.5	2.5	5	5	3.2	1.75	0	5	5	5	0	5.2	5.2	2.8	0	0	0	0	5	0	0	0	5	5	5	5	5	5	5	5	5	5.2	5	5	5	5
PIN NO	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
VOLT	0	0	0	5	0	5	2.4	2.6	0	5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0	0	5	5	5	5

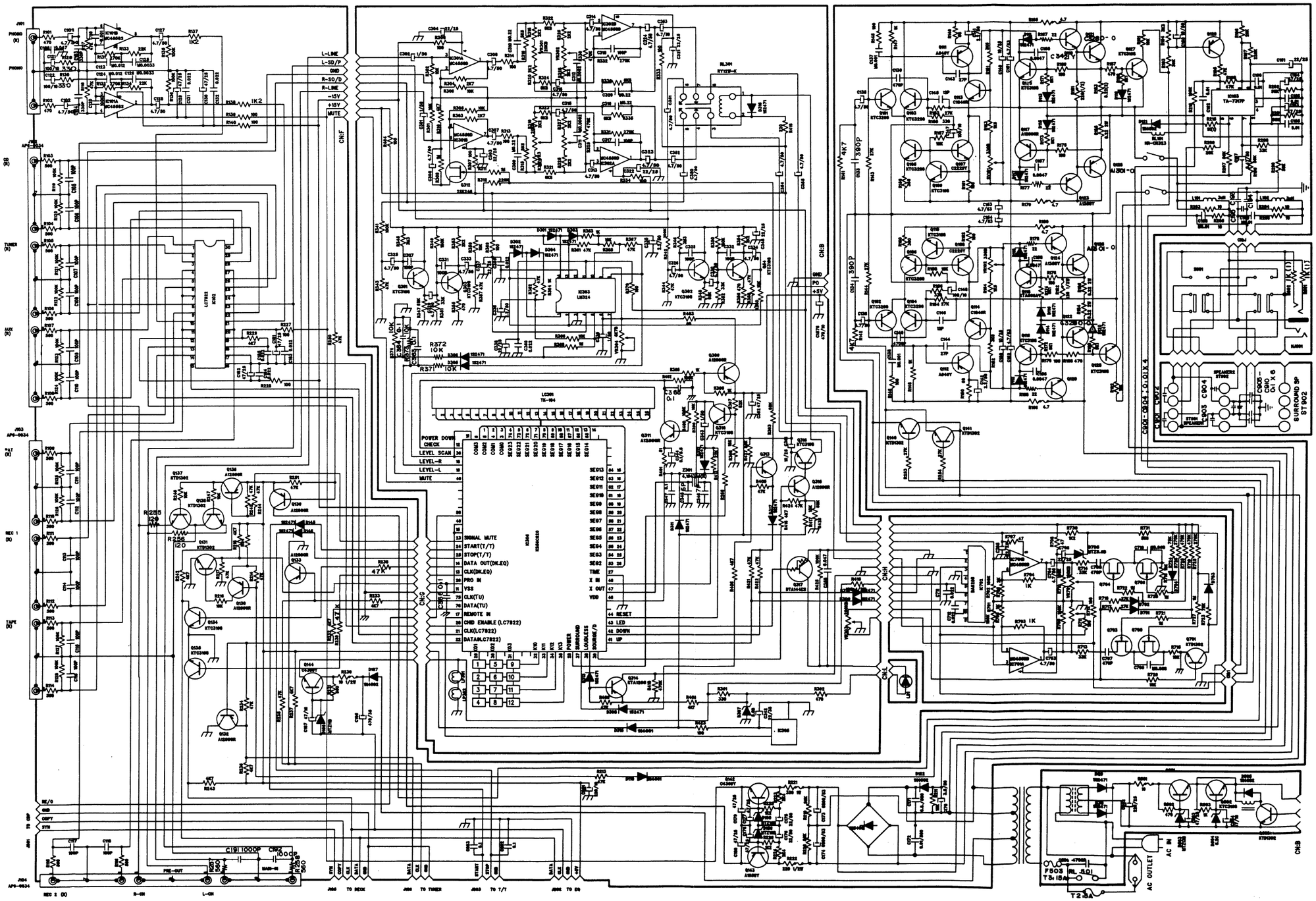
IC701

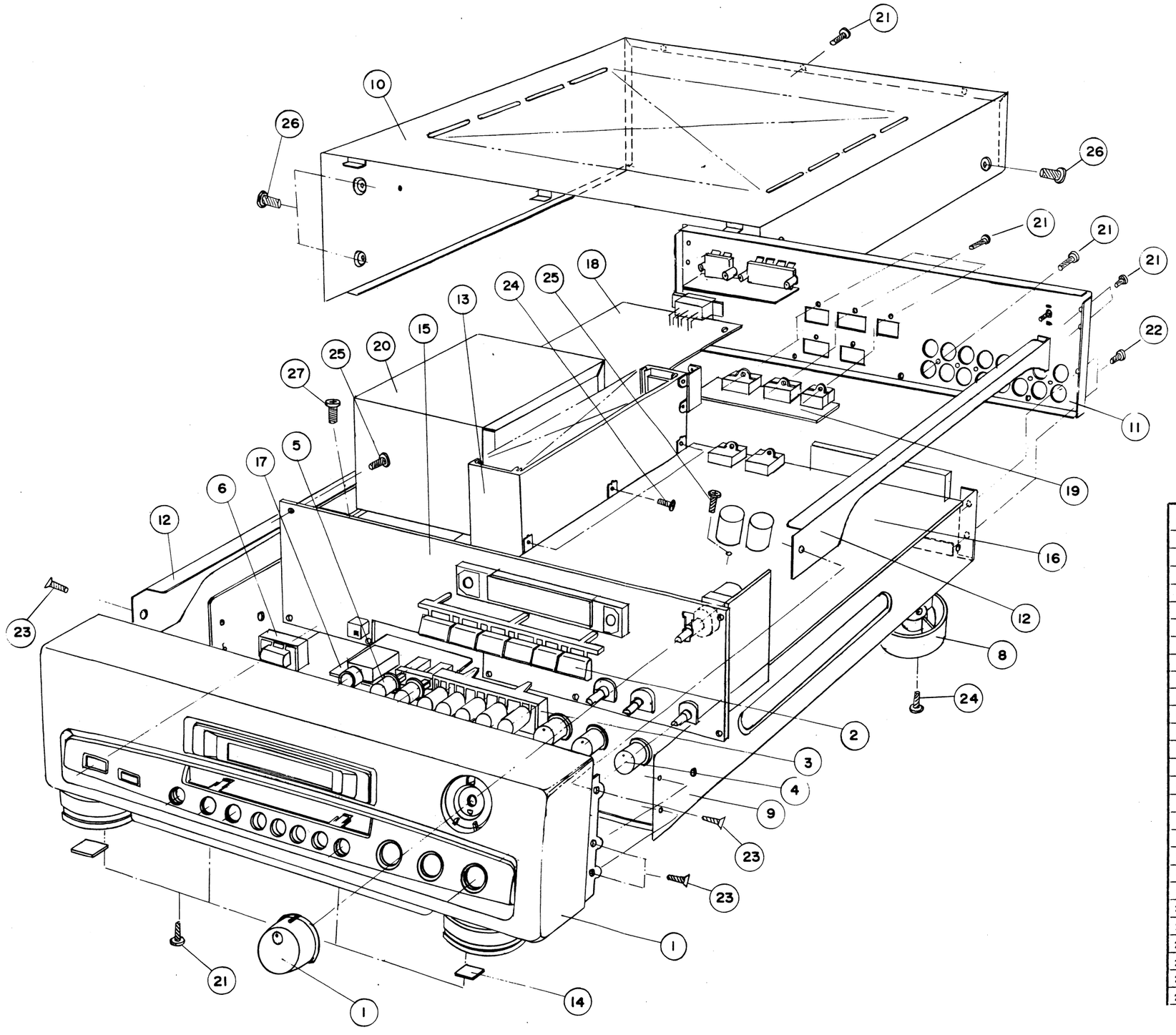
PIN NO	1	2	3	4	5	6	7	8
VOLT	11.3	11.3	10.8	-15	10.8	11.3	11.3	15

IC702

PIN NO	1	2	3	4	5	6	7	8	9
VOLT	0	0	0	0	0	10	1.9	1.9	0

AMPLIFIER


L-LINE
L-SD/P
GND
R-SD/D
R-LINE
-15V
+15V
MUTE
CN:F
CN:B
CN:G
CN:H
CN:L
CN:E
CN:D
POWER DOWN CHECK
LEVEL SCAN
LEVEL-R
LEVEL-L
MUTE
SIGNAL MUTE
START(T/T)
STOP(T/T)
DATA OUT(DK.EQ)
CLK(DK.EQ)
PRO IN
VSS
CLK(TU)
DATA(TU)
REMOTE IN
CHID ENABLE(LC7822)
CLK(LC7822)
DATA(LC7822)
RESET
LED
DOWN
UP
POWER
SURROUND
LOUDNESS
SOURCE/D
TIME
X IN
X OUT
VDD
AC IN
AC OUTLET
SURROUND SP
ST902
T0 DECK
T0 TUNER
T0 T/T
T0 EQ



NO.	PARTS NAME	CODE NO	Q'TY
1	PANEL-FRONT ASS'Y	MJAF-02440-ZZ1	1
2	KNOB - FUNCTION	MJAF-09380-ZZ4	1
3	KNOB - SURROUND	MJAF-09350-ZZ4	1
4	KNOB - BALANCE	MJAF-09370-ZZ4	3
5	KNOB - SPEAKER	MJAF-09220-ZZ4	2
6	KNOB - POWER	MJAF-09360-ZZ4	1
7	KNOB - VOLUME	MJAF-09340-ZZ4	1
8	FOOT - ASS'Y	MJAG-03380-ZZ4	2
9	CHASSIS - BOTTOM	MPAC-02430-001	1
10	COVER - TOP	MPAC-02420-ZZ1	1
11	CHASSIS - BACK ASS'Y	MPAC-02580-ZZ2	1
12	CHASSIS - SIDE L/R	MPAC-03320-003	2
13	RADIATOR ASS'Y	MEAC-03310-003	1
14	FOOT CUSHION	MRAG-08740-004	2
15	FRONT PCB ASS'Y		1
16	MAIN PCB ASS'Y		1
17	PHONE PCB ASS'Y		1
18	V/S PCB ASS'Y		1
19	JACK PCB ASS'Y		1
20	P/T		1
21	SCREW TAPPING	BHT2T 3x8 FE-ZB	
22	SCREW TAPPING	BHT2T 3x6 FE-ZB	
23	SCREW TAPPING	FHT2T 3x8 FE-ZY	
24	SCREW TAPPING	BHT2T 3x8 FE-ZY	
25	SCREW TAPPING	BHT2T 3x10 FE-ZY	
26	SCREW TAPPING	BHT2T 4x8 FE-ZY	
27	SCREW TAPPING	BHT3T 4x8 FE-ZY	

ASS'Y REMOCON MECHANISM

Ref. No.	Part No.	Description
MJ001	MJAF-01340-ZZ2	COVER-UPPER
MJ002	MJAF-01350-ZZ2	COVER-BOTTOM
MJ003	MJAF-02860-ZZ3	COVER-BATTERY
ML001	MLAC-09372-ZZ4	PLATE-NAME
MM001	MMAC-11060-004	BATTERY-SPRING
MR001	MRAF-01362-ZZ2	PAD-KEY
XS001	XSTP-25060-ZY4	SCREW-TAPPING PHT2T 2.5×6 FE-ZY
YS001	YSAP-09860-004	CUSHION-BATTERY
YV001	YVAP-09640-004	POLY-BAG

ASS'Y REMOCON PCB

Ref. No.	Part No.	Description
	PCSE-01900-41B	PCB-SINGLE A4E-190 243×150×1.6t
C301	CCCT-J221K-0BB	CAPACITOR CERAMIC T 50V 220PF K B
C302	CCCT-J221K-0BB	CAPACITOR CERAMIC T 50V 220PF K B
C303	CEES-C470M-CE0	CAPACITOR E/ALUMINUM S 6.3V 47μF M 5×7
D301	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D302	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D303	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
IC301	ICMP-00220-S20	IC UCOMPUTER SOP24 UPD6122G-001
LD301	DPIR-00021-005	DOT-IR LED KLN105B-B
Q301	TRTC-0016Y-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-Y
R301	RCFT-E224J-000	RESISTOR-CARBON FILM T 1/5W 220Kohm 5%
R302	RCFT-E224J-000	RESISTOR-CARBON FILM T 1/5W 220Kohm 5%
R303	RCFT-E224J-000	RESISTOR-CARBON FILM T 1/5W 220Kohm 5%
R304	RCFT-E2R0J-000	RESISTOR-CARBON FILM T 1/5W 2ohm 5%
Z301	KTRE-00060-004	RESONATOR CSB455E 455KHz
	ZSWR-00010-F60	SOLDER-WIRE D1.0 SN60

ASS'Y MECHANISM

Ref. No.	Part No.	Description
F503	FGFB-S3152-332	FUSE GLASS T 250V 3.15A 5×20 V/S
Q113	TRTC-0088R-S50	TRANSISTOR N-H FREQ TO126 2SC1846-R
Q114	TRTC-0088R-S50	TRANSISTOR N-H FREQ TO126 2SC1846-R
Q121	TRSC-00020-S3M	TRANSISTOR N-H FREQ TO3P(L) 2SC3280-O W/MICA
Q122	TRSC-00020-S3M	TRANSISTOR N-H FREQ TO3P(L) 2SC3280-O W/MICA
Q125	TRSA-00030-S3M	TRANSISTOR P-H FREQ TO3P(L) 2SA1301-O W/MICA
Q126	TRSA-00030-S3M	TRANSISTOR P-H FREQ TO3P(L) 2SA1301-O W/MICA

ASS'Y MAIN PCB

Ref. No.	Part No.	Description
#	MEAC-08212-004	RADIATOR
#	MMAC-01180-004	TERMINAL-GND A4MG-0118
#	PCSA-02350-11B	PCB-SINGLE A1A-235 330×247×1.6t
#	PTAC-00920-Y3V	TRANSFORMER-POWER A35-092Y-V 35×29.5 230V
#	SKRC-00290-020	SOCKET-RCA JK0200440N 2P
#	SKRC-00310-060	SOCKET-RCA JK0600920N 6P
#	SWPU-00420-019	SWITCH-PUSH 2K(2C2P) SPUN22X1H071
#	U103-0A514-Z44	WIRE-ASS'Y 1617 # 22 X1(T) BLK-140
#	U103-6A514-Z44	WIRE-ASS'Y 1617 # 22 X1(T) BLUE-140
#	VWBD-E0112-104	VR-W/MOTOR RK16Y12MC 2R1 14B-100KB×2
CN-A	KNCW-00680-2T9	CONNECTOR-WAFER YW396-03AV 2P 7.92mm WHT
CN-B	KNCW-00140-3TM	CONNECTOR-WAFER 5267-03A 2.5mm MILK
CN-C	KNCW-00330-3TM	CONNECTOR-WAFER LWP1143-03-02 3.96mm WHT
CN-D	KNCW-00331-3TM	CONNECTOR-WAFER LW1143-03 3.96mm MILK
CN-E	KNCW-00140-2TM	CONNECTOR-WAFER 5267-02A 2.5mm MILK

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Ref. No.	Part No.	Description
CN-F	KNCW-00140-9TM	CONNECTOR-WAFER 5267-09A 2.5mm MILK
CN-G	KNCW-00140-FTM	CONNECTOR-WAFER 5267-15A 2.5mm MILK
CN-H	KNCW-00121-CS9	CONNECTOR-WAFER YFAW025-12T 19.5mm WHT
CN-I	KNCW-00140-3TM	CONNECTOR-WAFER 5267-03A 2.5mm MILK
CN-J	KNCW-00140-4TM	CONNECTOR-WAFER 5267-04A 2.5mm MILK
CN-K	KNCW-00140-ATM	CONNECTOR-WAFER 5267-10A 2.5mm MILK
CN-M	KNCW-00140-7TM	CONNECTOR-WAFER 5267-07A 2.5mm MILK
CN-N	KNCW-00140-2TM	CONNECTOR-WAFER 5267-02A 2.5mm MILK
C101	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C102	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C103	CCTT-J331J-0FZ	CAPACITOR CERAMIC T 50V 330PF J SL
C104	CCTT-J331J-0FZ	CAPACITOR CERAMIC T 50V 330PF J SL
C105	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C106	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C107	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C108	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C109	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C110	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C111	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C112	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C113	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C114	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C115	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C116	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C117	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C118	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C119	CCCT-J102K-0BB	CAPACITOR CERAMIC T 50V 1000PF K B
C120	CCCT-J102K-0BB	CAPACITOR CERAMIC T 50V 1000PF K B
C121	CEET-D101M-CI0	CAPACITOR E/ALUMINUM T 10V 100μF M 5×11
C122	CEET-D101M-CI0	CAPACITOR E/ALUMINUM T 10V 100μF M 5×11
C123	CFMT-N123J-EK0	CAPACITOR F/POLYESTR T 100V 0.012μF J 7.0×13
C124	CFMT-N123J-EK0	CAPACITOR F/POLYESTR T 100V 0.012μF J 7.0×13
C125	CFMT-N332J-DJ0	CAPACITOR F/POLYESTR T 100V 0.0033μF J 5.8×12
C126	CFMT-N332J-DJ0	CAPACITOR F/POLYESTR T 100V 0.0033μF J 5.8×12
C127	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C128	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C129	CEET-F470M-CI0	CAPACITOR E/ALUMINUM T 25V 47μF M 5×11
C130	CEET-F470M-CI0	CAPACITOR E/ALUMINUM T 25V 47μF M 5×11
C131	CCCT-J223Z-0FF	CAPACITOR CERAMIC T 50V 0.022μF Z F
C132	CCCT-J223Z-0FF	CAPACITOR CERAMIC T 50V 0.022μF Z F
C133	CCTT-J391J-0FZ	CAPACITOR CERAMIC T 50V 390PF J SL
C134	CCTT-J391J-0FZ	CAPACITOR CERAMIC T 50V 390PF J SL
C135	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C136	CEET-F470M-CI0	CAPACITOR E/ALUMINUM T 25V 47μF M 5×11
C137	CFMT-N102J-CJ0	CAPACITOR F/POLYESTR T 100V 0.001μF J 5.3×12
C138	CFMT-N102J-CJ0	CAPACITOR F/POLYESTR T 100V 0.001μF J 5.3×12
C139	CCTT-J471J-0FZ	CAPACITOR CERAMIC T 50V 470PF J SL
C140	CCTT-J471J-0FZ	CAPACITOR CERAMIC T 50V 470PF J SL

Ref. No.	Part No.	Description
C141	CEET-J2R2M-CI0	CAPACITOR E/ALUMINUM T 50V 2.2μF M 5×11
C142	CEET-J2R2M-CI0	CAPACITOR E/ALUMINUM T 50V 2.2μF M 5×11
C143	CCTT-J270J-0BZ	CAPACITOR CERAMIC T 50V 27PF J SL
C144	CCTT-J270J-0BZ	CAPACITOR CERAMIC T 50V 27PF J SL
C145	CCTT-J120J-0BZ	CAPACITOR CERAMIC T 50V 12PF J SL
C146	CCTT-J120J-0BZ	CAPACITOR CERAMIC T 50V 12PF J SL
C147	CEET-D101M-CI0	CAPACITOR E/ALUMINUM T 10V 100μF M 5×11
C148	CEET-D101M-CI0	CAPACITOR E/ALUMINUM T 10V 100μF M 5×11
C149	CEET-G100M-CI0	CAPACITOR E/ALUMINUM T 35V 10μF M 5×11
C150	CEET-G100M-CI0	CAPACITOR E/ALUMINUM T 35V 10μF M 5×11
C151	CEET-L4R7M-CI0	CAPACITOR E/ALUMINUM T 63V 4.7μF M 5×11
C152	CEET-L4R7M-CI0	CAPACITOR E/ALUMINUM T 63V 4.7μF M 5×11
C153	CEET-L4R7M-CI0	CAPACITOR E/ALUMINUM T 63V 4.7μF M 5×11
C154	CEET-L4R7M-CI0	CAPACITOR E/ALUMINUM T 63V 4.7μF M 5×11
C155	CCCT-J472K-0FB	CAPACITOR CERAMIC T 50V 4700PF K B
C156	CCCT-J472K-0FB	CAPACITOR CERAMIC T 50V 4700PF K B
C157	CCCT-J472K-0FB	CAPACITOR CERAMIC T 50V 4700PF K B
C158	CCCT-J472K-0FB	CAPACITOR CERAMIC T 50V 4700PF K B
C159	CEET-J100M-CI0	CAPACITOR E/ALUMINUM T 50V 10μF M 5×11
C160	CCCT-J103Z-0DF	CAPACITOR CERAMIC T 50V 0.01μF Z F
C161	CEET-F220M-CI0	CAPACITOR E/ALUMINUM T 25V 22μF M 5×11
C162	CCCT-J103Z-0DF	CAPACITOR CERAMIC T 50V 0.01μF Z F
C163	CEET-F470M-CI0	CAPACITOR E/ALUMINUM T 25V 47μF M 5×11
C164	CEET-F470M-CI0	CAPACITOR E/ALUMINUM T 25V 47μF M 5×11
C165	CCCT-J103Z	CAPACITOR CERAMIC T 50V 0.01μF Z F
C166	CCCT-J103Z	CAPACITOR CERAMIC T 50V 0.01μF Z F
C167	CEET-JR47M-CI0	CAPACITOR E/ALUMINUM T 50V 0.47μF M 5×11
C168	CFMT-N103J-EK0	CAPACITOR F/POLYESTR T 100V 0.010μF J 6.8×13
C169	CFMT-N103J-EK0	CAPACITOR F/POLYESTR T 100V 0.010μF J 6.8×13
C170	CEET-J3R3M-CI0	CAPACITOR E/ALUMINUM T 50V 3.3μF M 5×11
C171	CCCS-V103Z-0FF	CAPACITOR CERAMIC S 500V 0.01μF Z F
C172	CCCS-V103Z-0FF	CAPACITOR CERAMIC S 500V 0.01μF Z F
C173	CEEZ-L682M-003	CAPACITOR E/ALUMINUM Z 63V 6800μF M 30×40 S.N
C174	CEEZ-L682M-003	CAPACITOR E/ALUMINUM Z 63V 6800μF M 30×40 S.N
C175	CEET-J220M-CI0	CAPACITOR E/ALUMINUM T 50V 22μF M 5×11
C176	CEET-J220M-CI0	CAPACITOR E/ALUMINUM T 50V 22μF M 5×11
C177	CEET-F470M-CI0	CAPACITOR E/ALUMINUM T 25V 47μF M 5×11
C178	CEET-F470M-CI0	CAPACITOR E/ALUMINUM T 25V 47μF M 5×11
C179	CEET-F470M-CI0	CAPACITOR E/ALUMINUM T 25V 47μF M 5×11
C180	CEET-F470M-CI0	CAPACITOR E/ALUMINUM T 25V 47μF M 5×11
C181	CEET-F470M-CI0	CAPACITOR E/ALUMINUM T 25V 47μF M 5×11
C182	CEET-F470M-CI0	CAPACITOR E/ALUMINUM T 25V 47μF M 5×11
C183	CCCT-J223Z-0FF	CAPACITOR CERAMIC T 50V 0.022μF Z F
C184	CCCT-J223Z-0FF	CAPACITOR CERAMIC T 50V 0.022μF Z F
C185	CCCT-J223Z-0FF	CAPACITOR CERAMIC T 50V 0.022μF Z F
C186	CEEM-G102M-KP1	CAPACITOR E/ALUMINUM M 35V 1000μF M 13×25 U
C187	CEET-F470M-CI0	CAPACITOR E/ALUMINUM T 25V 47μF M 5×11
C188	CCCT-J473Z-0JF	CAPACITOR CERAMIC T 50V 0.047μF Z F

Ref. No.	Part No.	Description
C191	CCCT-J102K-0BB	CAPACITOR CERAMIC T 50V 1000PF K B
C192	CCCT-J102K-0BB	CAPACITOR CERAMIC T 50V 1000PF K B
C193	CCCT-F224Z-0HF	CAPACITOR CERAMIC T 25V 0.22μF Z F
C194	CCCT-F224Z-0HF	CAPACITOR CERAMIC T 25V 0.22μF Z F
C195	CCCT-F224Z-0HF	CAPACITOR CERAMIC T 25V 0.22μF Z F
C501	CACS-U472M-084	CAPACITOR AC S 400V SCF2G472M12BS M
C502	CEET-F221M-FI1	CAPACITOR E/ALUMINUM T 25V 220μF M 8×11.5
C503	CEET-F470M-CI0	CAPACITOR E/ALUMINUM T 25V 47μF M 5×11
C504	CEET-F470M-CI0	CAPACITOR E/ALUMINUM T 25V 47μF M 5×11
C703	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C704	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C705	CEET-F220M-CI0	CAPACITOR E/ALUMINUM T 25V 22μF M 5×11
C706	CEET-F220M-CI0	CAPACITOR E/ALUMINUM T 25V 22μF M 5×11
C707	CCTT-J471J-0FZ	CAPACITOR CERAMIC T 50V 470PF J SL
C708	CCTT-J471J-0FZ	CAPACITOR CERAMIC T 50V 470PF J SL
C709	CFMT-N683J-HK0	CAPACITOR F/POLYESTR T 100V 0.068μF J 9.9×14
C710	CFMT-N683J-HK0	CAPACITOR F/POLYESTR T 100V 0.068μF J 9.9×14
C711	CCCT-J223Z-0FF	CAPACITOR CERAMIC T 50V 0.022μF Z F
C712	CCCT-J223Z-0FF	CAPACITOR CERAMIC T 50V 0.022μF Z F
C802	CCCT-J104Z-0FF	CAPACITOR CERAMIC T 50V 0.1μF Z F
C803	CCCT-J104Z-0FF	CAPACITOR CERAMIC T 50V 0.1μF Z F
C901	CCCT-J103Z-0DF	CAPACITOR CERAMIC T 50V 0.01μF Z F
C902	CCCT-J103Z-0DF	CAPACITOR CERAMIC T 50V 0.01μF Z F
C903	CCCT-J103Z-0DF	CAPACITOR CERAMIC T 50V 0.01μF Z F
C904	CCCT-J103Z-0DF	CAPACITOR CERAMIC T 50V 0.01μF Z F
C905	CCCT-J104Z-0FF	CAPACITOR CERAMIC T 50V 0.1μF Z F
C906	CCCT-J104Z-0FF	CAPACITOR CERAMIC T 50V 0.1μF Z F
C907	CCCT-J104Z-0FF	CAPACITOR CERAMIC T 50V 0.1μF Z F
C908	CCCT-J104Z-0FF	CAPACITOR CERAMIC T 50V 0.1μF Z F
C909	CCCT-J104Z-0FF	CAPACITOR CERAMIC T 50V 0.1μF Z F
C910	CCCT-J104Z-0FF	CAPACITOR CERAMIC T 50V 0.1μF Z F
D101	DDMR-00210-T11	DIODE-RECTIFIER M DO-20 1N5402S (200V 3A)
D102	DDMR-00210-T11	DIODE-RECTIFIER M DO-20 1N5402S (200V 3A)
D103	DDMR-00210-T11	DIODE-RECTIFIER M DO-20 1N5402S (200V 3A)
D104	DDMR-00210-T11	DIODE-RECTIFIER M DO-20 1N5402S (200V 3A)
D105	DDTZ-G160B-SO0	DIODE ZENER T DO40 MTZ16B 15.25-16.04
D106	DDTZ-G160B-SO0	DIODE ZENER T DO40 MTZ16B 15.25-16.04
D107	DDTR-00040-T10	DIODE-RECTIFIER T DO-41 1N4004 (400V 1A)
D109	DDTZ-G100B-SO0	DIODE ZENER T DO40 MTZ10B 9.41-9.90
D110	DDTR-00040-T10	DIODE-RECTIFIER T DO-41 1N4004 (400V 1A)
D111	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D112	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D113	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D114	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D115	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D116	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D117	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D118	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)

Ref. No.	Part No.	Description
D119	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D120	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D121	DDTR-00040-T10	DIODE-RECTIFIER T DO-41 1N4004 (400V 1A)
D122	DDTR-00040-T10	DIODE-RECTIFIER T DO-41 1N4004 (400V 1A)
D145	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D146	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D501	DDTR-00040-T10	DIODE-RECTIFIER T DO-41 1N4004 (400V 1A)
D502	DDTR-00040-T10	DIODE-RECTIFIER T DO-41 1N4004 (400V 1A)
D503	DDTZ-G130B-SO0	DIODE ZENER T DO40 MTZ13B 12.55-13.21
D504	DDTZ-G062C-SO0	DIODE ZENER T DO40 MTZ6.2C 6.12-6.44
D505	DDTR-00040-T10	DIODE-RECTIFIER T DO-41 1N4004 (400V 1A)
D701	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D702	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D703	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D704	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D705	DDTZ-G056B-SO0	DIODE ZENER T DO40 MTZ5.6B 5.45-5.73
F503	MPAC-11620-004	FUSE CLIP 5.2Pi TAPPING TYPE
F503-1	MPAC-11620-004	FUSE CLIP 5.2Pi TAPPING TYPE
HT601	SKPH-00293-66W	SOCKET-PHONE HTJ064-05BG GOLD
IC101	ICOP-00130-SE0	IC DUAL OP AMP SIP 9 KA4558S
IC102	ICDG-00610-S10	IC FUNCTION SELECTOR DIP30S LC7822
IC103	ICLN-00040-S30	IC MUTING SIP 9 TA7317P
IC7O1	ICOP-00131-SE0	IC DUAL OP AMP DIP 8 KA4558C
IC702	ICDG-00560-SO0	IC MOTOR DRIVER SIP9 BA6208
J802	KNCW-00600-4T0	CONNECTOR-WAFER 52303-0411 4P 1.5mm-BLK
J803	KNCW-00600-4T0	CONNECTOR-WAFER 52303-0411 4P 1.5mm-BLK
LD001	DPLT-00502-DY2	DOT-LED AL-421YD YEL R2 D
L101	KIBK-00150-E40	COIL-AUDIO CHOCK ABK015 3μ H 10-6.2T
L102	KIBK-00150-E40	COIL-AUDIO CHOCK ABK015 3μ H 10-6.2T
Q101	TRTC-0015G-SD0	TRANSISTOR N-H FREQ TO92 KTC3200-GR
Q102	TRTC-0015G-SD0	TRANSISTOR N-H FREQ TO92 KTC3200-GR
Q103	TRTC-0015G-SD0	TRANSISTOR N-H FREQ TO92 KTC3200-GR
Q104	TRTC-0015G-SD0	TRANSISTOR N-H FREQ TO92 KTC3200-GR
Q105	TRTC-0015G-SD0	TRANSISTOR N-H FREQ TO92 KTC3200-GR
Q106	TRTC-0015G-SD0	TRANSISTOR N-H FREQ TO92 KTC3200-GR
Q107	TRTC-0087Y-SD0	TRANSISTOR N-H FREQ TO92L KTC3206-Y
Q108	TRTC-0087Y-SD0	TRANSISTOR N-H FREQ TO92L KTC3206-Y
Q109	TRTC-0016G-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-GR
Q110	TRTC-0016G-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-GR
Q111	TRSA-0013Y-SD0	TRANSISTOR P-H FREQ TO92L KTA1024-Y
Q112	TRSA-0013Y-SD0	TRANSISTOR P-H FREQ TO92L KTA1024-Y
Q115	TRTC-0016G-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-GR
Q116	TRTC-0016G-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-GR
Q117	TRTA-0008G-SD0	TRANSISTOR P-H FREQ TO92 KTA1266-GR
Q118	TRTA-0008G-SD0	TRANSISTOR P-H FREQ TO92 KTA1266-GR
Q119	TRSC-0006Y-S30	TRANSISTOR N-H FREQ TO3P(L) 2SC3421-Y
Q120	TRSC-0006Y-S30	TRANSISTOR N-H FREQ TO3P(L) 2SC3421-Y
Q123	TRSA-0025Y-S30	TRANSISTOR P-H FREQ TO3P(L) 2SA1358-Y

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Ref. No.	Part No.	Description
Q124	TRSA-0025Y-S30	TRANSISTOR P-H FREQ TO3P(L) 2SA1358-Y
Q127	TRTC-0016G-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-GR
Q128	TRTC-0016G-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-GR
Q129	TRTA-0011G-SD0	TRANSISTOR P-H FREQ TO92 KTA1268-GR
Q130	TRTA-0011G-SD0	TRANSISTOR P-H FREQ TO92 KTA1268-GR
Q131	TRTD-00200-SD0	TRANSISTOR N-L FREQ TO92 KTD-1302
Q132	TRTA-0008G-SD0	TRANSISTOR P-H FREQ TO92 KTA1268-GR
Q133	TRTA-0008G-SD0	TRANSISTOR P-H FREQ TO92 KTA1268-GR
Q134	TRTC-0016G-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-GR
Q135	TRTC-0016G-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-GR
Q136	TRTA-0008G-SD0	TRANSISTOR P-H FREQ TO92 KTA1268-GR
Q137	TRTD-00200-SD0	TRANSISTOR N-L FREQ TO92 KTD-1302
Q138	TRTD-00200-SD0	TRANSISTOR N-L FREQ TO92 KTD-1302
Q139	TRTA-0008G-SD0	TRANSISTOR P-H FREQ TO92 KTA1266-GR
Q140	TRTD-00200-SD0	TRANSISTOR N-L FREQ TO92 KTD-1302
Q141	TRTD-00200-SD0	TRANSISTOR N-L FREQ TO92 KTD-1302
Q143	TRSA-0023Y-SD0	TRANSISTOR P-H FREQ TO220IS KTA1658-Y
Q501	TRSC-0017Y-SD0	TRANSISTOR N-H FREQ TO92L KTC1027-Y
Q502	TRTC-0016G-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-GR
Q503	TRTD-00200-SD0	TRANSISTOR N-L FREQ TO92 KTD-1302
Q701	TRTD-00200-SD0	TRANSISTOR N-L FREQ TO92 KTD-1302
Q703	TRTK-0001G-S30	FET N-CHANNEL TO92 2SK246-GR
Q704	TRTK-0001G-S30	FET N-CHANNEL TO92 2SK246-GR
Q705	TRTK-0001G-S30	FET N-CHANNEL TO92 2SK246-GR
Q706	TRTK-0001G-S30	FET N-CHANNEL TO92 2SK246-GR
RL101	ESRY-00020-24K	RELAY HR-CR323D DC24V 2C1P-K
RL501	ESRY-00110-121	RELAY JW1AFSN DC12V
R101	RCFT-E471J-000	RESISTOR-CARBON FILM T 1/5W 470ohm 5%
R102	RCFT-E471J-000	RESISTOR-CARBON FILM T 1/5W 470ohm 5%
R103	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R104	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R105	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R106	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R107	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R108	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R109	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R110	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R111	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R112	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R113	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R114	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R115	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R116	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R117	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R118	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R119	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R120	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R121	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%

Ref. No.	Part No.	Description
R122	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R123	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R124	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R125	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R125	RCFT-E472J-000	RESISTOR-CARBON FILM T 1/5W 4.7Kohm 5%
R126	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R127	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R128	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R129	RCFT-E331J-000	RESISTOR-CARBON FILM T 1/5W 330ohm 5%
R130	RCFT-E331J-000	RESISTOR-CARBON FILM T 1/5W 330ohm 5%
R131	RCFT-E274J-000	RESISTOR-CARBON FILM T 1/5W 270Kohm 5%
R132	RCFT-E274J-000	RESISTOR-CARBON FILM T 1/5W 270Kohm 5%
R133	RCFT-E223J-000	RESISTOR-CARBON FILM T 1/5W 22Kohm 5%
R134	RCFT-E223J-000	RESISTOR-CARBON FILM T 1/5W 22Kohm 5%
R135	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R136	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R137	RCFT-F122J-010	RESISTOR-CARBON FILM T 1/4W 1.2Kohm 5%
R138	RCFT-F122J-010	RESISTOR-CARBON FILM T 1/4W 1.2Kohm 5%
R139	RCFT-F101J-010	RESISTOR-CARBON FILM T 1/4W 100ohm 5%
R140	RCFT-F101J-010	RESISTOR-CARBON FILM T 1/4W 100ohm 5%
R141	RCFT-F472J-010	RESISTOR-CARBON FILM T 1/4W 4.7Kohm 5%
R142	RCFT-F472J-010	RESISTOR-CARBON FILM T 1/4W 4.7Kohm 5%
R142	TRSC-0045Y-SD0	TRANSISTOR N-H FREQ TO220IS KTC4369-Y
R143	RCFT-F273J-010	RESISTOR-CARBON FILM T 1/4W 27Kohm 5%
R144	RCFT-F273J-010	RESISTOR-CARBON FILM T 1/4W 27Kohm 5%
R144	TRSC-0045Y-SD0	TRANSISTOR N-H FREQ TO220IS KTC4369-Y
R145	RCFT-F101J-010	RESISTOR-CARBON FILM T 1/4W 100ohm 5%
R146	RCFT-F101J-010	RESISTOR-CARBON FILM T 1/4W 100ohm 5%
R147	RCFT-F102J-010	RESISTOR-CARBON FILM T 1/4W 1Kohm 5%
R148	RCFT-F102J-010	RESISTOR-CARBON FILM T 1/4W 1Kohm 5%
R149	RCFT-F680J-010	RESISTOR-CARBON FILM T 1/4W 68ohm 5%
R150	RCFT-F680J-010	RESISTOR-CARBON FILM T 1/4W 68ohm 5%
R151	RCFT-F362J-010	RESISTOR-CARBON FILM T 1/4W 3.6Kohm 5%
R152	RCFT-F362J-010	RESISTOR-CARBON FILM T 1/4W 3.6Kohm 5%
R153	RCFT-F273J-010	RESISTOR-CARBON FILM T 1/4W 27Kohm 5%
R154	RCFT-F273J-010	RESISTOR-CARBON FILM T 1/4W 27Kohm 5%
R155	RCFT-F331J-010	RESISTOR-CARBON FILM T 1/4W 330ohm 5%
R156	RCFT-F331J-010	RESISTOR-CARBON FILM T 1/4W 330ohm 5%
R157	RCFT-F183J-010	RESISTOR-CARBON FILM T 1/4W 18Kohm 5%
R158	RCFT-F183J-010	RESISTOR-CARBON FILM T 1/4W 18Kohm 5%
R159	RCFT-F361J-010	RESISTOR-CARBON FILM T 1/4W 360ohm 5%
R160	RCFT-F361J-010	RESISTOR-CARBON FILM T 1/4W 360ohm 5%
R161	RCFT-F151J-010	RESISTOR-CARBON FILM T 1/4W 150ohm 5%
R162	RCFT-F151J-010	RESISTOR-CARBON FILM T 1/4W 150ohm 5%
R163	RCFT-F152J-010	RESISTOR-CARBON FILM T 1/4W 1.5Kohm 5%
R164	RCFT-F152J-010	RESISTOR-CARBON FILM T 1/4W 1.5Kohm 5%
R165	RFUM-F4R7J-120	RESISTOR-FUSIBLE M 1/4W 4.7ohm 5%
R166	RFUM-F4R7J-120	RESISTOR-FUSIBLE M 1/4W 4.7ohm 5%

Ref. No.	Part No.	Description
R167	RCFT-F220J-010	RESISTOR-CARBON FILM T 1/4W 1.5Kohm 5%
R167	RFUM-F220J-120	RESISTOR-FUSIBLE M 1/4W 22ohm 5%
R168	RCFT-F220J-010	RESISTOR-CARBON FILM T 1/4W 22ohm 5%
R168	RFUM-F220J-120	RESISTOR-FUSIBLE M 1/4W 22ohm 5%
R169	RCFT-F181J-010	RESISTOR-CARBON FILM T 1/4W 180ohm 5%
R170	RCFT-F181J-010	RESISTOR-CARBON FILM T 1/4W 180ohm 5%
R171	RCFT-F912J-010	RESISTOR-CARBON FILM T 1/4W 9.1Kohm 5%
R172	RCFT-F912J-010	RESISTOR-CARBON FILM T 1/4W 9.1Kohm 5%
R173	RCFT-F912J-010	RESISTOR-CARBON FILM T 1/4W 9.1Kohm 5%
R174	RCFT-F912J-010	RESISTOR-CARBON FILM T 1/4W 9.1Kohm 5%
R175	RCFT-F181J-010	RESISTOR-CARBON FILM T 1/4W 180ohm 5%
R176	RCFT-F181J-010	RESISTOR-CARBON FILM T 1/4W 180ohm 5%
R177	RCFT-F220J-010	RESISTOR-CARBON FILM T 1/4W 22ohm 5%
R177	RFUM-F220J-120	RESISTOR-FUSIBLE M 1/4W 22ohm 5%
R178	RCFT-F220J-010	RESISTOR-CARBON FILM T 1/4W 22ohm 5%
R178	RFUM-F220J-120	RESISTOR-FUSIBLE M 1/4W 22ohm 5%
R179	RFUM-F4R7J-120	RESISTOR-FUSIBLE M 1/4W 4.7ohm 5%
R180	RFUM-F4R7J-120	RESISTOR-FUSIBLE M 1/4W 4.7ohm 5%
R181	RFUZ-G221J-005	RESISTOR-FUSIBLE M 1/2W 220ohm 5%
R182	RFUZ-G221J-005	RESISTOR-FUSIBLE M 1/2W 220ohm 5%
R183	RMOH-KR22J-040	RESISTOR-METAL OXIDE H 3W 0.22ohm 5%
R184	RMOH-KR22J-040	RESISTOR-METAL OXIDE H 3W 0.22ohm 5%
R185	RMOH-KR22J-040	RESISTOR-METAL OXIDE H 3W 0.22ohm 5%
R186	RMOH-KR22J-040	RESISTOR-METAL OXIDE H 3W 0.22ohm 5%
R187	RCFT-F471J-010	RESISTOR-CARBON FILM T 1/4W 470ohm 5%
R188	RCFT-F471J-010	RESISTOR-CARBON FILM T 1/4W 470ohm 5%
R189	RCFT-F912J-010	RESISTOR-CARBON FILM T 1/4W 9.1Kohm 5%
R190	RCFT-F912J-010	RESISTOR-CARBON FILM T 1/4W 9.1Kohm 5%
R191	RCFT-F103J-010	RESISTOR-CARBON FILM T 1/4W 10Kohm 5%
R192	RCFT-F103J-010	RESISTOR-CARBON FILM T 1/4W 10Kohm 5%
R193	RCFT-F393J-010	RESISTOR-CARBON FILM T 1/4W 39Kohm 5%
R194	RCFT-F332J-010	RESISTOR-CARBON FILM T 1/4W 3.3Kohm 5%
R195	RCFT-F473J-010	RESISTOR-CARBON FILM T 1/4W 47Kohm 5%
R196	RCFT-F203J-010	RESISTOR-CARBON FILM T 1/4W 20Kohm 5%
R197	RCFT-E224J-000	RESISTOR-CARBON FILM T 1/5W 220Kohm 5%
R198	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R199	RCFT-F563J-010	RESISTOR-CARBON FILM T 1/4W 56Kohm 5%
R200	RCFT-F563J-010	RESISTOR-CARBON FILM T 1/4W 56Kohm 5%
R201	RCFT-F563J-010	RESISTOR-CARBON FILM T 1/5W 56Kohm 5%
R202	RCFT-F563J-010	RESISTOR-CARBON FILM T 1/5W 56Kohm 5%
R203	RCFT-F100J-010	RESISTOR-CARBON FILM T 1/4W 10ohm 5%
R204	RCFT-F100J-010	RESISTOR-CARBON FILM T 1/4W 10ohm 5%
R205	RCFT-F100J-010	RESISTOR-CARBON FILM T 1/4W 10ohm 5%
R206	RCFT-F100J-010	RESISTOR-CARBON FILM T 1/4W 10ohm 5%
R207	RCFT-E563J-000	RESISTOR-CARBON FILM T 1/5W 56Kohm 5%
R208	RCFT-E333J-000	RESISTOR-CARBON FILM T 1/5W 33Kohm 5%
R209	RCFT-F203J-010	RESISTOR-CARBON FILM T 1/4W 20Kohm 5%
R210	RCFT-F104J-010	RESISTOR-CARBON FILM T 1/4W 100Kohm 5%

Ref. No.	Part No.	Description
R211	RCFT-F103J-010	RESISTOR-CARBON FILM T 1/4W 10Kohm 5%
R213	RCFT-F473J-010	RESISTOR-CARBON FILM T 1/4W 47Kohm 5%
R214	RCFT-F473J-010	RESISTOR-CARBON FILM T 1/4W 47Kohm 5%
R215	RMOH-H102J-030	RESISTOR-METAL OXIDE H 1W 1Kohm 5%
R216	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R217	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R218	RCFT-F472J-010	RESISTOR-CARBON FILM T 1/4W 4.7Kohm 5%
R219	RCFT-F563J-010	RESISTOR-CARBON FILM T 1/4W 56Kohm 5%
R220	RCFT-F563J-010	RESISTOR-CARBON FILM T 1/4W 56Kohm 5%
R221	RFUM-H331J-130	RESISTOR-FUSIBLE H 1W 330ohm 5%
R222	RFUZ-G221J-005	RESISTOR-FUSIBLE M 1/2W 220ohm 5%
R225	RCFT-F122J-010	RESISTOR-CARBON FILM T 1/4W 1.2Kohm 5%
R226	RCFT-F122J-010	RESISTOR-CARBON FILM T 1/4W 1.2Kohm 5%
R227	RCFT-F101J-010	RESISTOR-CARBON FILM T 1/4W 100ohm 5%
R228	RCFT-F101J-010	RESISTOR-CARBON FILM T 1/4W 100ohm 5%
R229	RCFT-F472J-010	RESISTOR-CARBON FILM T 1/4W 4.7Kohm 5%
R230	RMOH-H100J-030	RESISTOR-METAL OXIDE H 1W 10ohm 5%
R231	RCFT-F561J-010	RESISTOR-CARBON FILM T 1/4W 560ohm 5%
R232	RCFT-F472J-010	RESISTOR-CARBON FILM T 1/4W 4.7Kohm 5%
R233	RCFT-F472J-010	RESISTOR-CARBON FILM T 1/4W 4.7Kohm 5%
R234	RCFT-F473J-010	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R235	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R236	RCFT-F472J-010	RESISTOR-CARBON FILM T 1/4W 4.7Kohm 5%
R237	RCFT-F472J-010	RESISTOR-CARBON FILM T 1/4W 4.7Kohm 5%
R238	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R239	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R242	RCFT-F472J-000	RESISTOR-CARBON FILM T 1/4W 4.7Kohm 5%
R243	RCFT-F472J-000	RESISTOR-CARBON FILM T 1/4W 4.7Kohm 5%
R244	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R245	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R246	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R247	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R248	RCFT-F221J-010	RESISTOR-CARBON FILM T 1/4W 220ohm 5%
R249	RCFT-F221J-010	RESISTOR-CARBON FILM T 1/4W 220ohm 5%
R250	RCFT-F473J-010	RESISTOR-CARBON FILM T 1/4W 47Kohm 5%
R251	RCFT-F473J-000	RESISTOR-CARBON FILM T 1/4W 47Kohm 5%
R253	RCFT-F273J-010	RESISTOR-CARBON FILM T 1/4W 27Kohm 5%
R254	RCFT-F273J-010	RESISTOR-CARBON FILM T 1/4W 27Kohm 5%
R255	RCFT-F121J-010	RESISTOR-CARBON FILM T 1/4W 120ohm 5%
R256	RCFT-F121J-010	RESISTOR-CARBON FILM T 1/4W 120ohm 5%
R257	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R258	RCFT-E561J-000	RESISTOR-CARBON FILM T 1/5W 560ohm 5%
R501	RFUM-F100J-120	RESISTOR-FUSIBLE M 1/4W 10ohm 5%
R502	RCFT-F471J-010	RESISTOR-CARBON FILM T 1/4W 470ohm 5%
R503	RCFT-F102J-010	RESISTOR-CARBON FILM T 1/4W 1Kohm 5%
R601	RMOH-J102J-050	RESISTOR-METAL OXIDE H 2W 1Kohm 5%
R602	RMOH-J102J-050	RESISTOR-METAL OXIDE H 2W 1Kohm 5%
R701	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%

Ref. No.	Part No.	Description
R702	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R703	RCFT-E102J-000	RESISTOR-CARBON FILM T 1/5W 1Kohm 5%
R704	RCFT-E102J-000	RESISTOR-CARBON FILM T 1/5W 1Kohm 5%
R705	RCFT-E202J-000	RESISTOR-CARBON FILM T 1/5W 2Kohm 5%
R706	RCFT-E202J-000	RESISTOR-CARBON FILM T 1/5W 2Kohm 5%
R707	RCFT-E470J-000	RESISTOR-CARBON FILM T 1/5W 47ohm 5%
R708	RCFT-E470J-000	RESISTOR-CARBON FILM T 1/5W 47ohm 5%
R709	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R710	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R711	RCFT-E101J-000	RESISTOR-CARBON FILM T 1/5W 100ohm 5%
R712	RCFT-E101J-000	RESISTOR-CARBON FILM T 1/5W 100ohm 5%
R713	RCFT-E333J-000	RESISTOR-CARBON FILM T 1/5W 33Kohm 5%
R714	RCFT-E333J-000	RESISTOR-CARBON FILM T 1/5W 33Kohm 5%
R715	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R716	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R717	RCFT-E273J-000	RESISTOR-CARBON FILM T 1/5W 27Kohm 5%
R718	RCFT-E273J-000	RESISTOR-CARBON FILM T 1/5W 27Kohm 5%
R719	RCFT-E474J-000	RESISTOR-CARBON FILM T 1/5W 470Kohm 5%
R720	RCFT-E474J-000	RESISTOR-CARBON FILM T 1/5W 470Kohm 5%
R721	RCFT-E105J-000	RESISTOR-CARBON FILM T 1/5W 1Mohm 5%
R722	RCFT-E105J-000	RESISTOR-CARBON FILM T 1/5W 1Mohm 5%
R723	RCFT-E753J-000	RESISTOR-CARBON FILM T 1/5W 75Kohm 5%
R724	RCFT-E753J-000	RESISTOR-CARBON FILM T 1/5W 75Kohm 5%
R725	RCFT-E274J-000	RESISTOR-CARBON FILM T 1/5W 270Kohm 5%
R726	RCFT-E274J-000	RESISTOR-CARBON FILM T 1/5W 270Kohm 5%
R727	RCFT-E105J-000	RESISTOR-CARBON FILM T 1/5W 1Mohm 5%
R728	RCFT-E105J-000	RESISTOR-CARBON FILM T 1/5W 1Mohm 5%
R729	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R730	RCFT-E122J-000	RESISTOR-CARBON FILM T 1/5W 1.2Kohm 5%
R731	RCFT-E562J-000	RESISTOR-CARBON FILM T 1/5W 5.6Kohm 5%
ST901	TESP-00010-08P	TERMINAL SPEAKER AU8-2021
ST902	TEAT-00070-04P	TERMINAL ANTENNA AU4-2042A
SV101	VFAB-A005B-331	RESISTOR-SEMI FIXED RH0615C100-331 330B
SV102	VFAB-A005B-331	RESISTOR-SEMI FIXED RH0615C100-331 330B
W-D	UM32-30236-024	WIRE-ASS'Y 1617 # 22×3 RED/BLK-380
W-I	U310-5M715-134	WIRE-ASS'Y UL1007 # 26 GRN-150 3P
W-J	U410-9M612-134	WIRE-ASS'Y 1007 # 24 WHT-120 4P
W-K	UA10-9M640-134	WIRE-ASS'Y 1007 # 24 WHT-400 10P
W-L	UM32-30257-004	WIRE-ASS'Y 1617 # 22×2 160×2
W-L	U210-2M920-134	WIRE-ASS'Y 1007 # 30×2(T) RED/GRN-200
W-N	U210-2M714-134	WIRE-ASS'Y 1007 # 26 RED-140 2P
W-N	U710-0GO14-ZE4	WIRE-ASS'Y UL2877 # 24 BLK-140 7P
W-Q/R	UMT1-10248-014	WIRE-ASS'Y UL1007 # 22×2P WHT-170
W-U	U210-6M746-134	WIRE-ASS'Y UL1007 # 26 BLU-460 2P

ASS'Y FRONT PCB

Ref. No.	Part No.	Description
#	CEET-F470M-CI0	CAPACITOR E/ALUMINUM T 25V 47μF M 5×11
#	MAAG-08340-004	REFLECTOR-(EQ)
#	MAAG-08360-ZZ4	FILTER-LCD(EQ)

Ref. No.	Part No.	Description
#	MGAG-09172-004	FELT-LCD
#	MJAG-01180-003	HOUSING-LCD(EQ)
#	MJAG-08290-004	HOUSING-LAMP
#	PCSA-02120-11B	PCB-SINGLE A1A-212 330×247×1.6t
CC320	CFMS-N224J-KN0	CAPACITOR F/POLYESTR S 100V 0.22μF J 13.5×19
CN-H	KNCW-00390-CB9	CONNECTOR WAFER 42140-2012 2.5mm 12P
CN-L	KNCW-00140-2TM	CONNECTOR WAFER 5267-02A 2.5mm MILK
C301	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM T 50V 1.0μF M 5×11
C302	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM T 50V 1.0μF M 5×11
C303	CEET-F220M-CI0	CAPACITOR E/ALUMINUM T 25V 22μF M 5×11
C304	CEET-F220M-CI0	CAPACITOR E/ALUMINUM T 25V 22μF M 5×11
C305	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C307	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C308	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C309	CFMS-N224J-KN0	CAPACITOR F/POLYESTR S 100V 0.22μF J 13.5×19
C310	CFMS-N224J-KN0	CAPACITOR F/POLYESTR S 100V 0.22μF J 13.5×19
C311	CFMT-N822J-DJ0	CAPACITOR F/POLYESTR T 100V 0.0082μF J 6.5×12
C312	CFMT-N822J-DJ0	CAPACITOR F/POLYESTR T 100V 0.0082μF J 6.5×12
C313	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C314	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C315	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C316	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C317	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C318	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C319	CFMS-N224J-KN0	CAPACITOR F/POLYESTR S 100V 0.22μF J 13.5×19
C321	CEET-F220M-CI0	CAPACITOR E/ALUMINUM T 25V 22μF M 5×11
C322	CEET-F220M-CI0	CAPACITOR E/ALUMINUM T 25V 22μF M 5×11
C323	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C324	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C325	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C326	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C327	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100P J SL
C328	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100P J SL
C329	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C330	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C331	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C332	CCTT-J101J-0CZ	CAPACITOR CERAMIC T 50V 100PF J SL
C333	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C334	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C335	CEET-J2R2M-CI0	CAPACITOR E/ALUMINUM T 50V 2.2μF M 5×11
C336	CEET-J2R2M-CI0	CAPACITOR E/ALUMINUM T 50V 2.2μF M 5×11
C337	CEET-F220M-CI0	CAPACITOR E/ALUMINUM T 25V 22μF M 5×11
C338	CEET-F220M-CI0	CAPACITOR E/ALUMINUM T 25V 22μF M 5×11
C339	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM T 50V 1.0μF M 5×11
C342	CEET-G220M-CI0	CAPACITOR E/ALUMINUM T 35V 22μF M 5×11
C343	CEET-J1R0M-CI0	CAPACITOR E/ALUMINUM T 50V 1.0μF M 5×11
C344	CEGS-B104Z-BK0	CAPACITOR E/DO LAYER S 5.5V 0.1F Z 4.5×13.0V
C345	CCTT-J6R0D-0BC	CAPACITOR CERAMIC T 50V 6PF D CH
C346	CCTT-J6R0D-0BC	CAPACITOR CERAMIC T 50V 6PF D CH

Ref. No.	Part No.	Description
C347	CCCT-J104Z-0FF	CAPACITOR CERAMIC T 50V 0.1μF Z F
C348	CEET-F220M-CI0	CAPACITOR E/ALUMINUM T 25V 22μF M 5×11
C350	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C351	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C352	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C353	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C354	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C355	CEET-J4R7M-CI0	CAPACITOR E/ALUMINUM T 50V 4.7μF M 5×11
C357	CCCT-J104Z-0FF	CAPACITOR CERAMIC T 50V 0.1μF Z F
C358	CCCT-J473Z-0JF	CAPACITOR CERAMIC T 50V 0.047μF Z F
C359	CCCT-J473Z-0JF	CAPACITOR CERAMIC T 50V 0.047μF Z F
C360	CCCT-J223Z-0FF	CAPACITOR CERAMIC T 50V 0.022μF Z F
C360	CEET-D471M-FI1	CAPACITOR E/ALUMINUM T 10V 470μF M 8×11.5 U
C361	CEET-G100M-CI0	CAPACITOR E/ALUMINUM T 35V 10μF M 5×11
C363	CCCT-J104Z-0FF	CAPACITOR CERAMIC T 50V 0.1μF Z F
C364	CCCT-J104Z-0FF	CAPACITOR CERAMIC T 50V 0.1μF Z F
C365	CCCT-J104Z-0FF	CAPACITOR CERAMIC T 50V 0.1μF Z F
C366	CCCT-J104Z-0FF	CAPACITOR CERAMIC T 50V 0.1μF Z F
D301	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D302	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D303	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D304	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D305	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D306	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D307	DDTZ-G056B-SO0	DIODE ZENER T DO40 MTZ5.6B 5.45-5.73
D308	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D309	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D310	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D311	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D312	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D313	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D315	DDTS-00040-T10	DIODE-RECTIFIERI T DO-41 1N4004 (400V 1A)
D316	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
D317	DDTS-00030-SO0	DIODE-SI T DO-40 1S2471 (80V 0.12A)
IC301	ICOP-00131-SE0	IC DUAL OP AMP DIP 8 KA4558C
IC302	ICOP-00131-SE0	IC DUAL OP AMP DIP 8 KA4558C
IC303	ICOP-00120-SE0	IC DUAL OP AMP DIP14 KA324
IC305	ICHY-00130-TL0	IC REMOTE RECEIV KRM-40M
IC306	ICMP-00630-SE0	IC TA-9306-001 QIP80 KS56C820
LC301	DPLC-00170-00A	DISPLAY-LCD AMP TK-104 26PIN
LP301	DPLA-00160-00B	LAMP SL422-012110PP 110mA 12V
LP302	DPLA-00160-00B	LAMP SL422-012110PP 110mA 12V
Q301	TRTC-0016G-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-GR
Q302	TRTC-0016G-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-GR
Q303	TRTC-0016G-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-GR
Q304	TRTC-0016G-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-GR
Q309	TRTA-0008G-SD0	TRANSISTOR P-H FREQ TO92 KTA1266-GR
Q310	TRTC-0016G-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-GR

Ref. No.	Part No.	Description
Q311	TRTA-0008G-SD0	TRANSISTOR P-H FREQ TO92 KTA1266-GR
Q312	TRTK-0001G-S30	FET N-CHANNEL TO92 2SK246-GR
Q313	TRTA-0008G-SD0	TRANSISTOR P-H FREQ TO92 KTA1266-GR
Q314	TRTA-0008G-SD0	TRANSISTOR P-H FREQ TO92 KTA1266-GR
Q315	TRTA-0008G-SD0	TRANSISTOR P-H FREQ TO92 KTA1266-GR
Q316	TRTC-0016G-SD0	TRANSISTOR N-H FREQ TO92 KTC3198-GR
Q317	TRTA-0041E-SOS	TRANSISTOR P-H FREQ TO92M DTA144E-S W/RESIST
RL301	ESRY-00050-120	RELAY RY12W-K DC12V 2C2P
R301	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R302	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R303	RCFT-E272J-000	RESISTOR-CARBON FILM T 1/5W 2.7Kohm 5%
R304	RCFT-E272J-000	RESISTOR-CARBON FILM T 1/5W 2.7Kohm 5%
R305	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R306	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R307	RCFT-E101J-000	RESISTOR-CARBON FILM T 1/5W 100ohm 5%
R308	RCFT-E101J-000	RESISTOR-CARBON FILM T 1/5W 100ohm 5%
R309	RCFT-E105J-000	RESISTOR-CARBON FILM T 1/5W 1Mohm 5%
R310	RCFT-E472J-000	RESISTOR-CARBON FILM T 1/5W 4.7Kohm 5%
R311	RCFT-E105J-000	RESISTOR-CARBON FILM T 1/5W 1Mohm 5%
R312	RCFT-E224J-000	RESISTOR-CARBON FILM T 1/5W 220Kohm 5%
R313	RCFT-E101J-000	RESISTOR-CARBON FILM T 1/5W 100ohm 5%
R314	RCFT-E101J-000	RESISTOR-CARBON FILM T 1/5W 100ohm 5%
R315	RCFT-E562J-000	RESISTOR-CARBON FILM T 1/5W 5.6Kohm 5%
R316	RCFT-E562J-000	RESISTOR-CARBON FILM T 1/5W 5.6Kohm 5%
R317	RCFT-E222J-000	RESISTOR-CARBON FILM T 1/5W 2.2Kohm 5%
R318	RCFT-E222J-000	RESISTOR-CARBON FILM T 1/5W 2.2Kohm 5%
R319	RCFT-E222J-000	RESISTOR-CARBON FILM T 1/5W 2.2Kohm 5%
R320	RCFT-E222J-000	RESISTOR-CARBON FILM T 1/5W 2.2Kohm 5%
R321	RCFT-E682J-000	RESISTOR-CARBON FILM T 1/5W 6.8Kohm 5%
R322	RCFT-E682J-000	RESISTOR-CARBON FILM T 1/5W 6.8Kohm 5%
R323	RCFT-E682J-000	RESISTOR-CARBON FILM T 1/5W 6.8Kohm 5%
R324	RCFT-E682J-000	RESISTOR-CARBON FILM T 1/5W 6.8Kohm 5%
R325	RCFT-E222J-000	RESISTOR-CARBON FILM T 1/5W 2.2Kohm 5%
R326	RCFT-E222J-000	RESISTOR-CARBON FILM T 1/5W 2.2Kohm 5%
R327	RCFT-E222J-000	RESISTOR-CARBON FILM T 1/5W 2.2Kohm 5%
R328	RCFT-E222J-000	RESISTOR-CARBON FILM T 1/5W 2.2Kohm 5%
R329	RCFT-E474J-000	RESISTOR-CARBON FILM T 1/5W 470Kohm 5%
R330	RCFT-E474J-000	RESISTOR-CARBON FILM T 1/5W 470Kohm 5%
R331	RCFT-E274J-000	RESISTOR-CARBON FILM T 1/5W 270Kohm 5%
R332	RCFT-E274J-000	RESISTOR-CARBON FILM T 1/5W 270Kohm 5%
R333	RCFT-E101J-000	RESISTOR-CARBON FILM T 1/5W 100ohm 5%
R334	RCFT-E101J-000	RESISTOR-CARBON FILM T 1/5W 100ohm 5%
R335	RCFT-E682J-000	RESISTOR-CARBON FILM T 1/5W 6.8Kohm 5%
R336	RCFT-E682J-000	RESISTOR-CARBON FILM T 1/5W 6.8Kohm 5%
R341	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R342	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R343	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R344	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%

Ref. No.	Part No.	Description
R345	RCFT-E335J-000	RESISTOR-CARBON FILM T 1/5W 3.3Mohm 5%
R346	RCFT-E335J-000	RESISTOR-CARBON FILM T 1/5W 3.3Mohm 5%
R347	RCFT-E683J-000	RESISTOR-CARBON FILM T 1/5W 68Kohm 5%
R348	RCFT-E683J-000	RESISTOR-CARBON FILM T 1/5W 68Kohm 5%
R349	RCFT-E184J-000	RESISTOR-CARBON FILM T 1/5W 180Kohm 5%
R350	RCFT-E184J-000	RESISTOR-CARBON FILM T 1/5W 180Kohm 5%
R351	RCFT-E333J-000	RESISTOR-CARBON FILM T 1/5W 33Kohm 5%
R352	RCFT-E333J-000	RESISTOR-CARBON FILM T 1/5W 33Kohm 5%
R353	RCFT-E222J-000	RESISTOR-CARBON FILM T 1/5W 2.2Kohm 5%
R354	RCFT-E222J-000	RESISTOR-CARBON FILM T 1/5W 2.2Kohm 5%
R355	RCFT-E471J-000	RESISTOR-CARBON FILM T 1/5W 470ohm 5%
R356	RCFT-E471J-000	RESISTOR-CARBON FILM T 1/5W 470ohm 5%
R357	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R358	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R359	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R360	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R361	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R362	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R363	RCFT-E102J-000	RESISTOR-CARBON FILM T 1/5W 1Kohm 5%
R364	RCFT-E102J-000	RESISTOR-CARBON FILM T 1/5W 1Kohm 5%
R365	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R366	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R367	RCFT-E105J-000	RESISTOR-CARBON FILM T 1/5W 1Mohm 5%
R368	RCFT-E105J-000	RESISTOR-CARBON FILM T 1/5W 1Mohm 5%
R369	RCFT-E101J-000	RESISTOR-CARBON FILM T 1/5W 100ohm 5%
R370	RCFT-E101J-000	RESISTOR-CARBON FILM T 1/5W 100ohm 5%
R371	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R372	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R373	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R374	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R391	RCFT-E331J-000	RESISTOR-CARBON FILM T 1/5W 330ohm 5%
R392	RCFT-E331J-000	RESISTOR-CARBON FILM T 1/5W 330ohm 5%
R393	RCFT-E683J-000	RESISTOR-CARBON FILM T 1/5W 68Kohm 5%
R395	RCFT-E102J-000	RESISTOR-CARBON FILM T 1/5W 1Kohm 5%
R396	RCFT-E102J-000	RESISTOR-CARBON FILM T 1/5W 1Kohm 5%
R397	RCFT-E823J-000	RESISTOR-CARBON FILM T 1/5W 82Kohm 5%
R398	RCFT-E183J-000	RESISTOR-CARBON FILM T 1/5W 18Kohm 5%
R399	RCFT-E103J-000	RESISTOR-CARBON FILM T 1/5W 10Kohm 5%
R400	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R401	RCFT-E510J-000	RESISTOR-CARBON FILM T 1/5W 51ohm 5%
R402	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R403	RCFT-E680J-000	RESISTOR-CARBON FILM T 1/5W 68ohm 5%
R404	RCFT-E101J-000	RESISTOR-CARBON FILM T 1/5W 100ohm 5%
R405	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R406	RCFT-E472J-000	RESISTOR-CARBON FILM T 1/5W 4.7Kohm 5%
R408	RCFT-E472J-000	RESISTOR-CARBON FILM T 1/5W 4.7Kohm 5%
R409	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R410	RCFT-E474J-000	RESISTOR-CARBON FILM T 1/5W 470Kohm 5%

Ref. No.	Part No.	Description
R412	RCFT-E223J-000	RESISTOR-CARBON FILM T 1/5W 22Kohm 5%
R415	RCFT-G101J-020	RESISTOR-CARBON FILM T 1/2W 100ohm 5%
R416	RCFT-E472J-000	RESISTOR-CARBON FILM T 1/5W 4.7Kohm 5%
R417	RCFT-E153J-000	RESISTOR-CARBON FILM T 1/5W 15Kohm 5%
R418	RCFT-E221J-000	RESISTOR-CARBON FILM T 1/4W 220ohm 5%
R421	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R422	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R423	RCFT-E101J-000	RESISTOR-CARBON FILM T 1/5W 100ohm 5%
R424	RCFT-E473J-000	RESISTOR-CARBON FILM T 1/5W 47Kohm 5%
R425	RCFT-E104J-000	RESISTOR-CARBON FILM T 1/5W 100Kohm 5%
R426	RCFT-E683J-000	RESISTOR-CARBON FILM T 1/5W 68Kohm 5%
R427	RCFT-E563J-000	RESISTOR-CARBON FILM T 1/5W 56Kohm 5%
S301	SWTA-00220-060	SWITCH-TACT SKHV10910 12V 50mA
S302	SWTA-00220-060	SWITCH-TACT SKHV10910 12V 50mA
S303	SWTA-00220-060	SWITCH-TACT SKHV10910 12V 50mA
S304	SWTA-00220-060	SWITCH-TACT SKHV10910 12V 50mA
S305	SWTA-00220-060	SWITCH-TACT SKHV10910 12V 50mA
S306	SWTA-00220-060	SWITCH-TACT SKHV10910 12V 50mA
S307	SWTA-00220-060	SWITCH-TACT SKHV10910 12V 50mA
S308	SWTA-00220-060	SWITCH-TACT SKHV10910 12V 50mA
S309	SWTA-00220-060	SWITCH-TACT SKHV10910 12V 50mA
S310	SWTA-00220-060	SWITCH-TACT SKHV10910 12V 50mA
S311	SWTA-00220-060	SWITCH-TACT SKHV10910 12V 50mA
S312	SWTA-00220-060	SWITCH-TACT SKHV10910 12V 50mA

Ref. No.	Part No.	Description
VR301	VRBE-E021B-203	VR-ROTARY RK16K1280 001 23B-20KBX2
VR302	VRBE-E021B-203	VR-ROTARY RK16K1280 001 23B-20KBX2
VR303	VRAD-E016B-204	VR-ROTARY RK16K1180 0T1 24B-200KB
VR304	VFAB-A005B-472	RESISTOR-SEMI FIXED RH0615C100-472 4.7KB
W-B	U310-9M538-134	WIRE-ASS'Y UL1007 # 22 WHT-380 3P
W-F	U910-0GO26-ZE4	WIRE-ASS'Y UL2877 # 24 BLK-260 9P
W-G	UF10-9M728-134	WIRE-ASS'Y 1007 # 26 WHT-280 15P
W-P	LUCA-22191-112	WIRE-ASS'Y UL1007H # 22 RED-190 1P
W-T	LUCA-22191-116	WIRE-ASS'Y UL1007H # 22 BLU-190
Z301	KTAL-00021-041	CRYSTAL HC-49/U 4.194304MHz

ASS'Y- SUB

Ref. No.	Part No.	Description
#	ZGSI-01000-9PN	GREASE-SILICON G-746
#	ZSWR-00010-F60	SOLDER-WIRE D1.0 SN60
#	ZTOP-00701-50C	TAPE-OPP
#	ZZFX-00010-000	FLUX ROSIN 28